L Number	Hits	Search Text	DB	Time stamp
1 Number	1	("5763943").PN.	USPAT;	2003/02/21 10:32
	_	(3703)43 /.IN.	US-PGPUB; EPO; JPO;	2003/02/21 10.32
14	33		IBM_TDB USPAT;	2003/02/21 11:39
		"image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR	US-PGPUB; EPO; JPO;	
		"imaging array" OR "pixel sensor") AND (chips! NEAR4 substrate) AND (substrate NEAR4 processing)	IBM_TDB	
15	24	@ad<19971006 AND (ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor") AND	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/21 11:54
16	169	(chips! NEAR4 (board OR pcb)) AND ((board OR Pcb) NEAR4 processing) @ad<19971006 AND (ccd OR "image sensor" OR	USPAT;	2003/02/21 11:56
		"image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor") AND chips! AND ((board OR Pcb) NEAR4 processing)	US-PGPUB; EPO; JPO; IBM_TDB	
17	3	12	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/21 12:05
18	16	@ad<19971006 AND (348/207.99-376).CCLS. AND (((board OR Pcb OR substrate) NEAR4 processing) NEAR4 mount\$3)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/21 12:05
19	3	@ad<19971006 AND (358/514).CCLS. AND ((board OR Pcb OR substrate) NEAR6 processing)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/21 12:05
20	7	@ad<19971006 AND (348/207.99-376).CCLS. AND (((board OR Pcb OR substrate) NEAR4 circuitry) NEAR4 mount\$3)	USPĀT; US-PGPUB; EPO; JPO;	2003/02/21 12:07
_	35	KOZUKA-HIRAKU.IN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/20 17:34
_	9	((("photo sensor" OR photosensor) NEAR3 chip) SAME substrate).CLM.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/19 17:26
-	1	("4776031").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/19 17:44
_	16	4776031.URPN.	IBM_TDB USPAT	2003/02/19 17:28
-	98	(ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor").CLM. AND substrate.CLM.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/19 17:32
-	4	AND noise.CLM. ((ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor").CLM. AND substrate.CLM.	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/19 17:44
-	12	AND noise.CLM.) AND clamp\$3.CLM. @ad<19980928 AND (348/300 OR 348/262 OR 348/264 OR 348/241 OR 348/265 OR 348/243).CCLS. AND @pd>20020828	USPAT; US-PGPUB; EPO; JPO;	2003/02/20 17:19
-	6	@ad<19980928 AND (348/300 OR 348/262 OR 348/264 OR 348/241 OR 348/265 OR 348/243).CCLS.	IBM_TDB US-PGPUB	2003/02/19 18:20

-	322	@ad<19980928 AND 348/241.CCLS.	USPAT;	2003/02/19 18:22
ŀ			US-PGPUB;	
			EPO; JPO;	ł
		And all 0.0000000 TAND And OD Himana Concerts OD	IBM_TDB	2003/02/20 10:13
_	0	@ad<19980928 AND (ccd OR "image sensor" OR "image pickup" OR "image pick up" OR	USPAT; US-PGPUB;	2003/02/20 10:13
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging device OK image sensing OK "imaging array" OR "pixel sensor") AND	IBM TDB	
		((shar\$3 OR common) NEAR3 (process\$3 OR	1511_155	
		cds! OR "double sampling")) AND		
		((process\$3 OR cds! OR "double sampling")		
		NEAR5 substrate)		
-	120854	@ad<19980928 AND (ccd OR "image sensor" OR	USPAT;	2003/02/20 12:30
		"image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")	IBM_TDB	
	1476		USPAT;	2003/02/20 12:59
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
	1	"imaging array" OR "pixel sensor")) AND	IBM_TDB	
	1	((shar\$3 OR common) NEAR3 (process\$3 OR cds! OR "double sampling"))		
_	127		USPAT;	2003/02/20 10:19
	121	OR "image pickup" OR "image pick up" OR	US-PGPUB;	2003/02/20 10.19
		"imaging device" OR "image sensing" OR	EPO; JPO;	
	1	"imaging array" OR "pixel sensor")) AND	IBM TDB	
	1	((shar\$3 OR common) NEAR3 (process\$3 OR		
		cds! OR "double sampling"))) AND	j	
,		((process\$3 OR cds! OR "double sampling")		
		NEAR5 substrate)		
-	94	@ad<19980928 AND (358/514).CCLS.	USPAT;	2003/02/20 16:30
			US-PGPUB;	
			EPO; JPO;	
	1	/#5500070#\ DV	IBM_TDB	2002/00/00 10 20
-	1	("5528272").PN.	USPAT; US-PGPUB;	2003/02/20 12:38
			EPO; JPO;	
			IBM TDB	
_	5	("4567529" "4691114" "4737854"	USPAT	2003/02/20 12:39
		"5003380" "5528272").PN.		
_	5	("4567529" "4691114" "4737854"	USPAT	2003/02/20 12:40
		"5003380" "5528272").PN.		
_	0	5592222.URPN.	USPAT	2003/02/20 12:49
-	14	, , , , , , , , , , , , , , , , , , , ,	USPAT	2003/02/20 12:49
		"4573079" "4617471" "4646155" "4673453" "4601114" "4703043"		
		"4672453" "4691114" "4783842" "4835404" "4868405" "4875088"		
		"4835404" "4868405" "4875099" "5109440" "5262870").PN.		
-	253	(@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 13:18
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	2003,02/20 13.10
		"imaging device" OR "image sensing" OR	EPO; JPO;	
1		"imaging array" OR "pixel sensor")) AND	IBM TDB	
		((shar\$3 OR common) NEAR3 output) AND	_	
		chips!		
~	228	((@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 13:19
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")) AND	IBM_TDB	
		((shar\$3 OR common) NEAR3 output) AND		
1		chips!) AND (cds! OR "double sampling" OR difference OR differential OR		
		differentially OR dark OR noise)		
-	231		USPAT;	2003/02/20 13:19
]		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")) AND	IBM_TDB	
		((share OR sharing OR shared OR common)		
L	<u> </u>	NEAR3 output) AND chips!		

OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor")) AND ((share OR sharing OR shared OR common) NEAR3 output) AND chips!) AND (cds! OR	02/20 13:20
"imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor")) AND ((share OR sharing OR shared OR common) NEAR3 output) AND chips!) AND (cds! OR	
"imaging array" OR "pixel sensor")) AND IBM_TDB ((share OR sharing OR shared OR common) NEAR3 output) AND chips!) AND (cds! OR	
((share OR sharing OR shared OR common) NEAR3 output) AND chips!) AND (cds! OR	
NEAR3 output) AND chips!) AND (cds! OR	
"double sampling" OR difference OR	
differential OR differentially OR dark OR	
noise)	
- 3 ("5233180" "5488415" "5717458").PN. USPAT 2003/0	2/20 13:31
	2/20 13:32
- 10 KOZUKA-HIRAKU.IN. AND @pd<19980828 USPAT; 2003/0	2/20 13:40
US-PGPUB;	
EPO; JPO;	
IBM_TDB	
	2/20 14:31
"5019702" "5162912" "5182447"	
"5184006" "5233442" "5262870"	
"5311320" "5331421" "5397944"	
"5451895" "5539196" "5693932"	
	2/20 15:10
OR "image pickup" OR "image pick up" OR US-PGPUB;	.2,20 13.10
"imaging device" OR "image sensing" OR EPO; JPO;	
"imaging array" OR "pixel sensor")) AND IBM TDB	
(chips! NEAR4 substrate)	
- 186 ((@ad<19980928 AND (ccd OR "image sensor" USPAT; 2003/0	2/20 15:12
OR "image pickup" OR "image pick up" OR US-PGPUB;	
"imaging device" OR "image sensing" OR EPO; JPO;	
"imaging array" OR "pixel sensor")) AND IBM_TDB	
(chips! NEAR4 substrate)) AND (cds! OR	
"double sampling" OR difference OR	
differential OR differentially OR dark OR noise)	
	2/20 16:11
	2/20 16:11
(chips! OR substrate) AND (cds! OR "double"	2/20 10.20
sampling" OR noise)	
	2/20 16:20
(chips! OR substrate) AND (cds! OR "double	
sampling" OR noise)	
	2/20 16:21
(chips! OR substrate) AND (cds! OR "double	
sampling OR noise)	
	2/20 16:21
(chips! OR substrate)	0/00 10 50
	2/20 16:58
348/294).CCLS. AND chips! US-PGPUB; EPO; JPO;	
IBM TDB	
	2/20 16:36
	2/20 17:03
US-PGPUB;	, = 1 = 1
EPO; JPO;	
IBM_TDB	
	2/20 17:05
US-PGPUB;	
EPO; JPO;	
IBM_TDB	0.400 17 07
	2/20 17:05
US-PGPUB;	
EPO; JPO; IBM TDB	
	2/21 10:57
"image pickup" OR "image pick up" OR US-PGPUB;	2,21 10.3/
"imaging device" OR "image sensing" OR EPO; JPO;	
"imaging array" OR "pixel sensor") AND IBM TDB	
@pd>20020828 AND clamp\$3	

_	28	@ad<19980928 AND (ccd OR "image sensor" OR	US-PGPUB	2003/02/20 17:30
		"image pickup" OR "image pick up" OR		
		"imaging device" OR "image sensing" OR		
		"imaging array" OR "pixel sensor") AND		
		clamp\$3		
-	4	KOZUKA-HIRAKU.IN. AND clamp\$3	USPAT;	2003/02/20 18:25
			US-PGPUB;	
			EPO; JPO;	
	ļ		IBM TDB	
-	1	("5321528").PN.	USPĀT;	2003/02/20 18:25
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	